

METHOD FOR PROCESSING AUDIO/VIDEO DATA WITHIN AN  
AUDIO/VIDEO DISK DRIVE, AND CORRESPONDING DRIVE

Abstract of the Disclosure

A disk drive is equipped with an electronic chip that includes a main processor capable of decoding data compressed according to a first compression standard and an input/output interface, for example an external memory interface with a predetermined maximum data transfer rate. When encountering data compressed according to a second compression standard having a compressed data rate less than the maximum transfer rate of the generic interface and having a decoded data rate greater than the maximum data transfer rate, the compressed data are transferred to an auxiliary processor through the generic external memory interface. The compressed data are decoded within the auxiliary processor, and the decoded data are then re-encoded according to the first compression standard, which are then transferred to the main processor for decoding according to the first compression standard.